

Figure 18

Prior Art

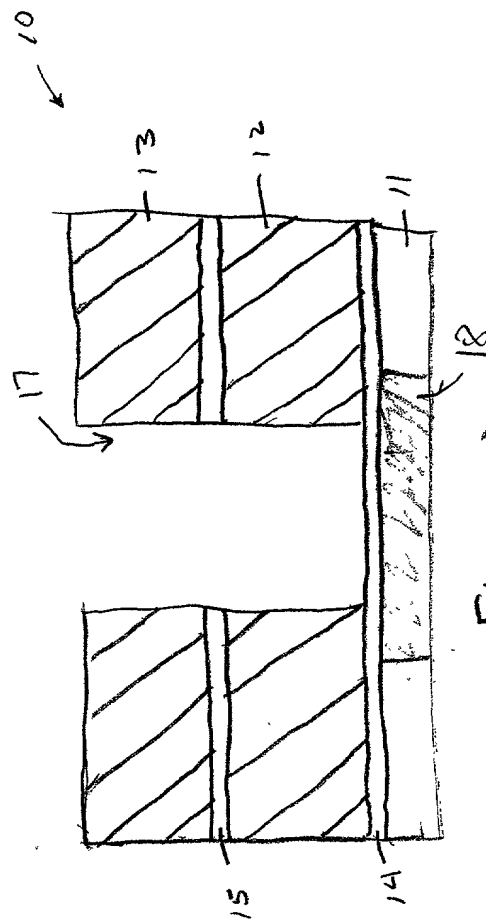


Figure 2

Dr. J. R. A. T.

FIG. 3 is a cross-sectional view of the device of FIG. 1, taken along line 3-3 of FIG. 1, showing the device in a first position. The device includes a base 11, a first layer 12, a second layer 13, a third layer 14, and a fourth layer 15. A first opening 16 is formed in the first layer 12, and a second opening 17 is formed in the second layer 13. A first plug 18 is disposed in the first opening 16, and a second plug 19 is disposed in the second opening 17. The first plug 18 and the second plug 19 are made of a material different from the material of the first layer 12 and the second layer 13.

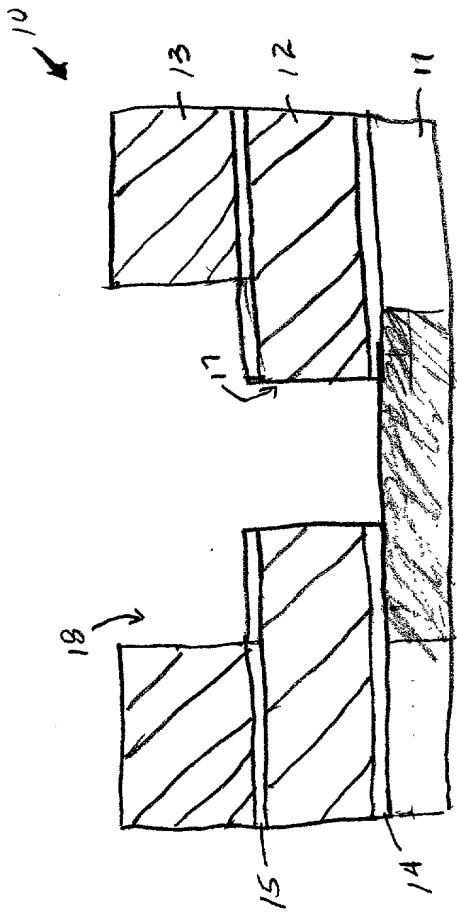


Figure 3  
Prior Art

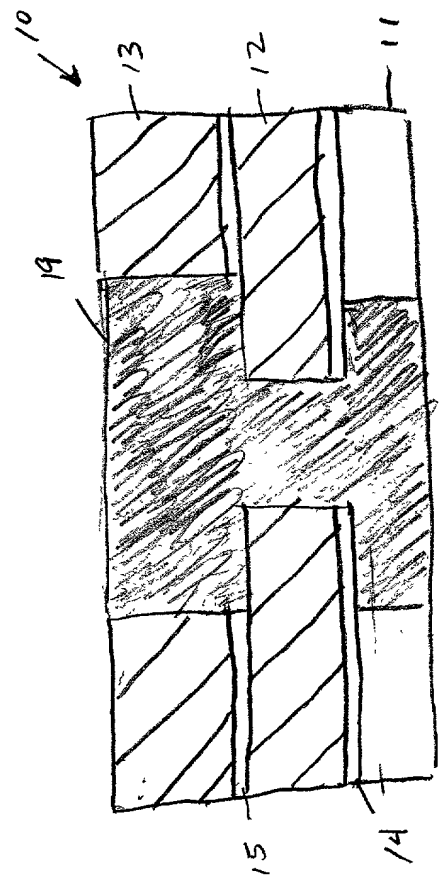


Figure 4  
Prior Art

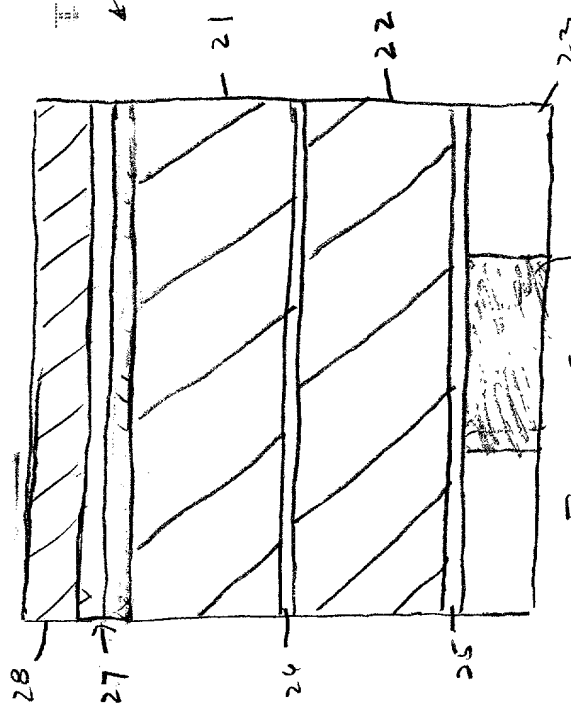


Figure 5  
(Prior Art)

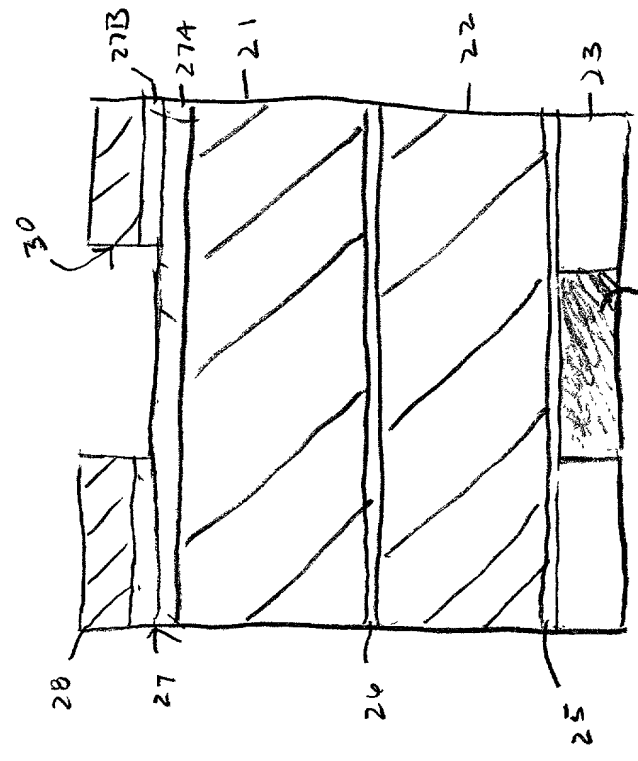


Figure 4  
(Prior Art)

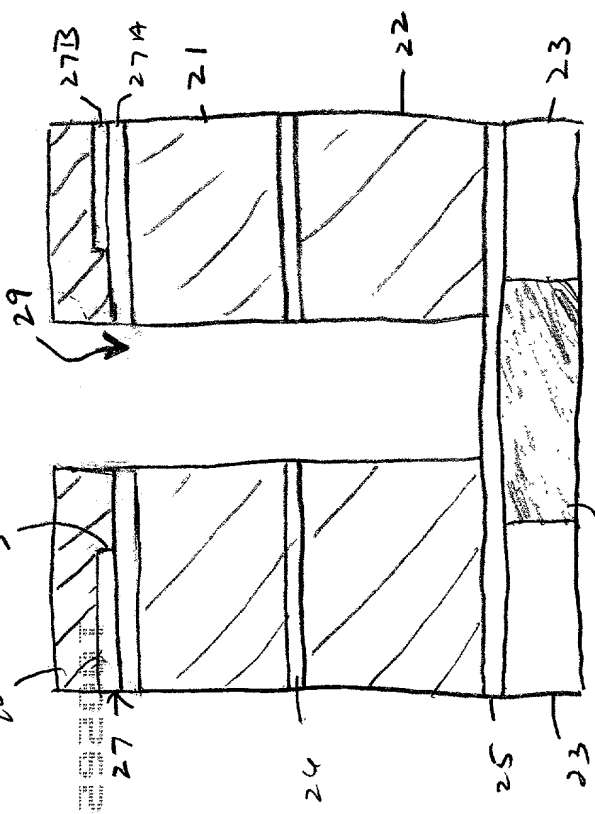


Figure 7  
(Prior Art)

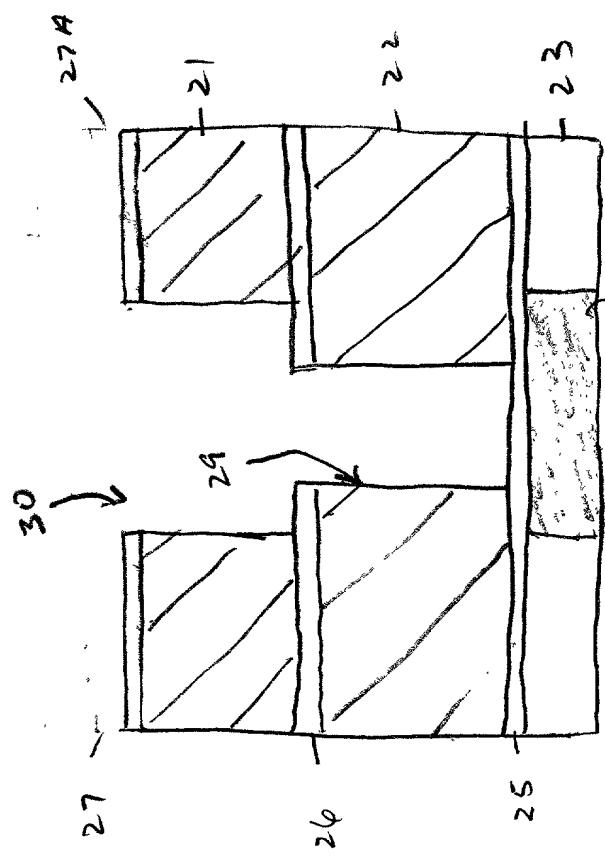


Figure 8  
(Prior Art)

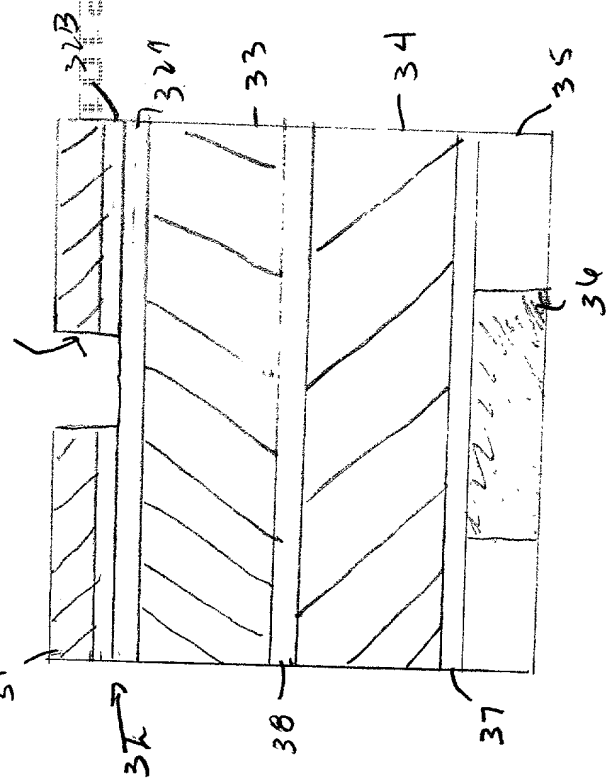


Figure 9  
(Prior Art)

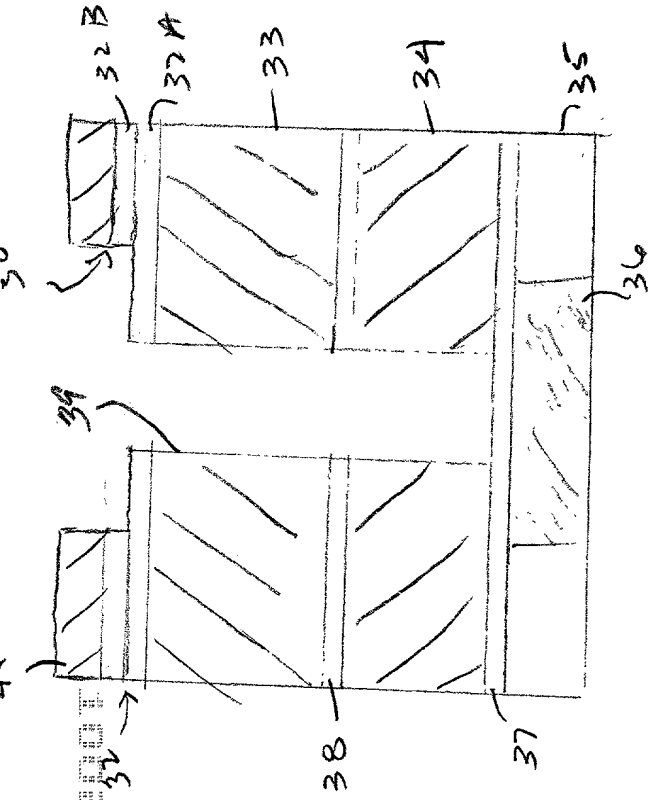


Figure 11  
(Prior Art)

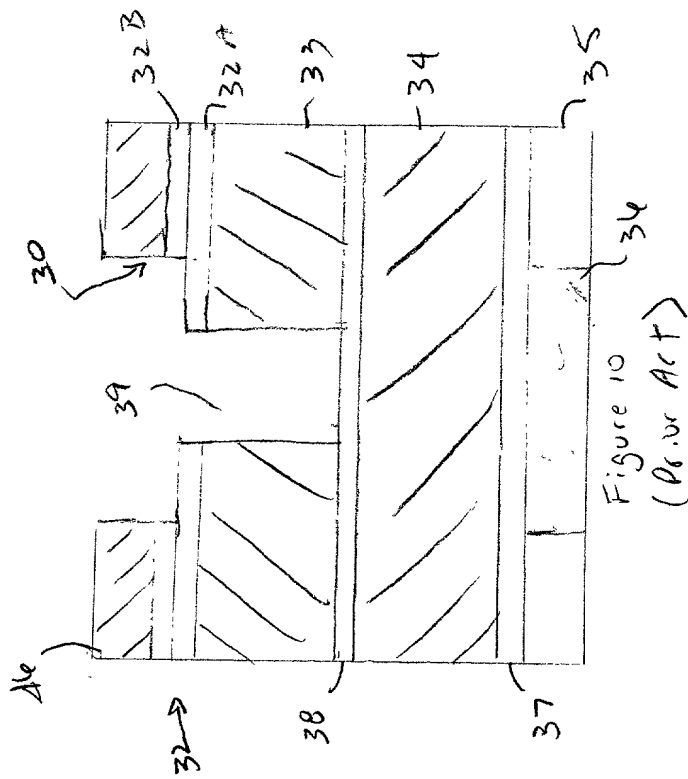


Figure 10  
(Prior Art)

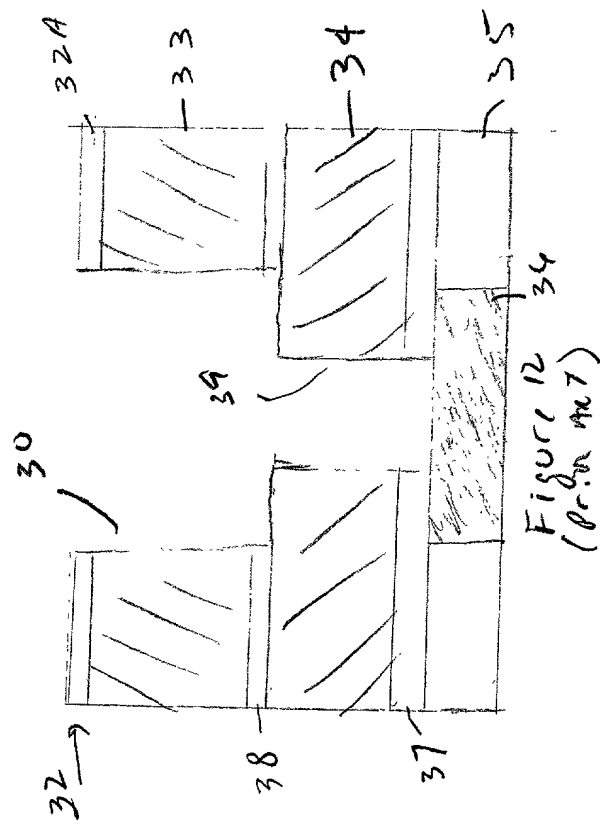


Figure 12  
(Prior Art)

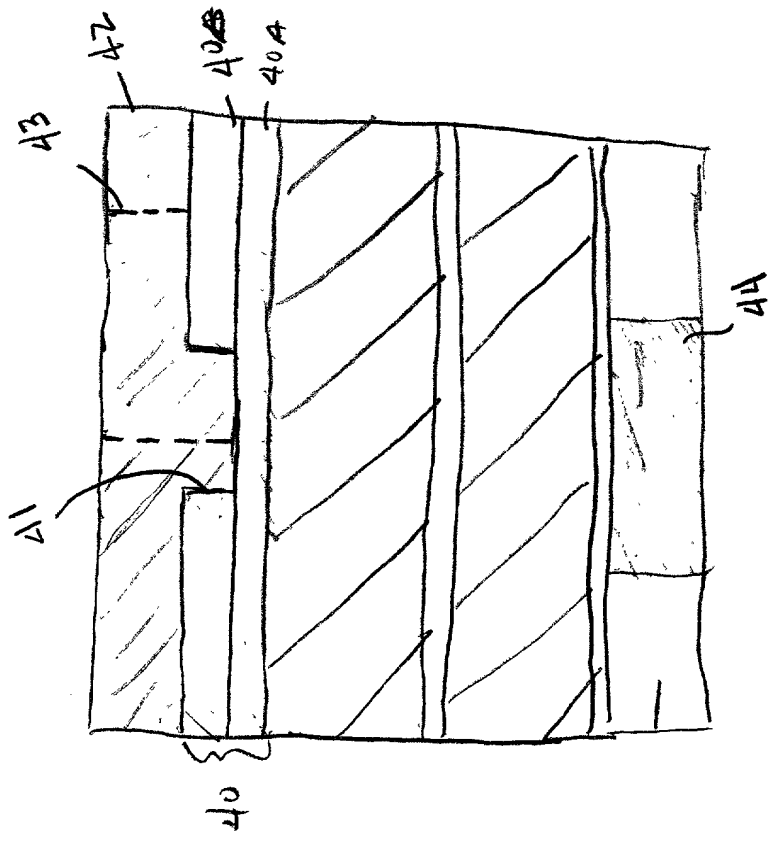


Figure 13

(Prior Art)

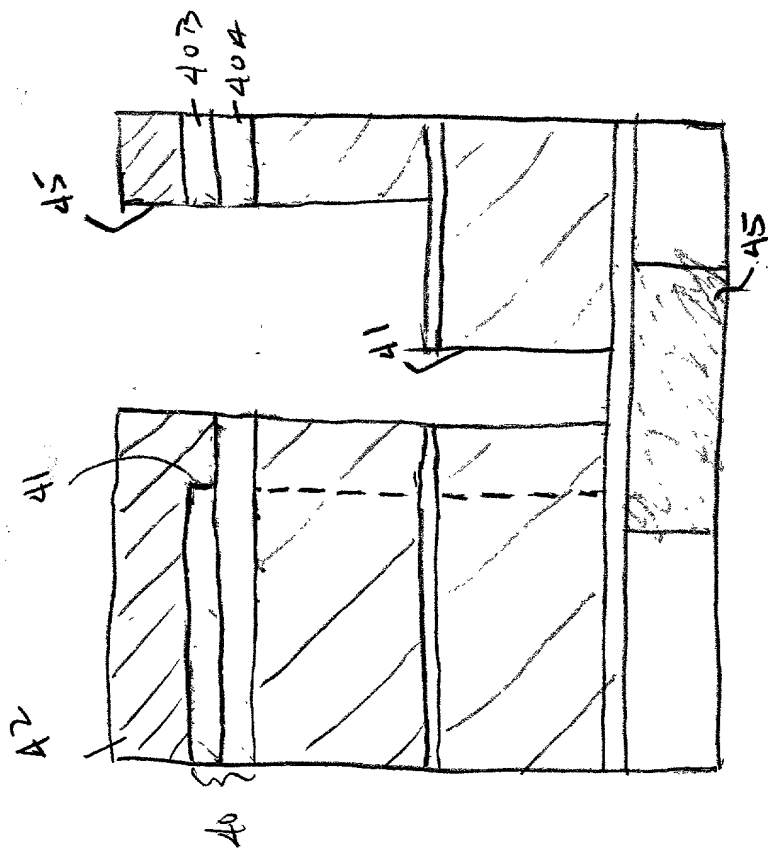


Figure 14

(Prior Art)

FIG. 15

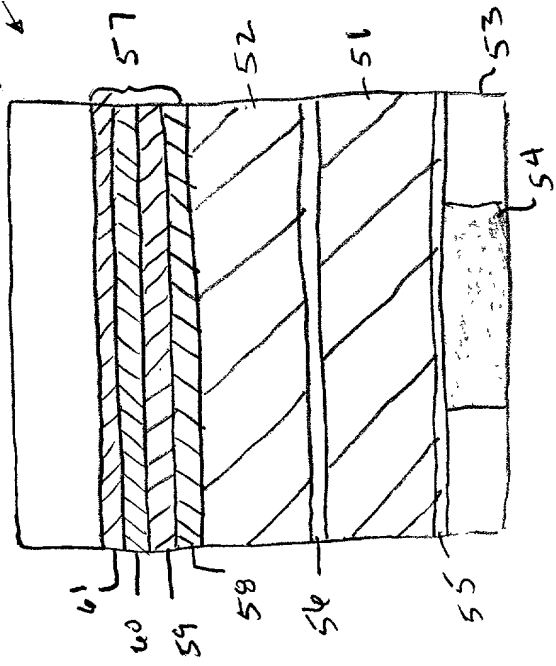


Figure 15

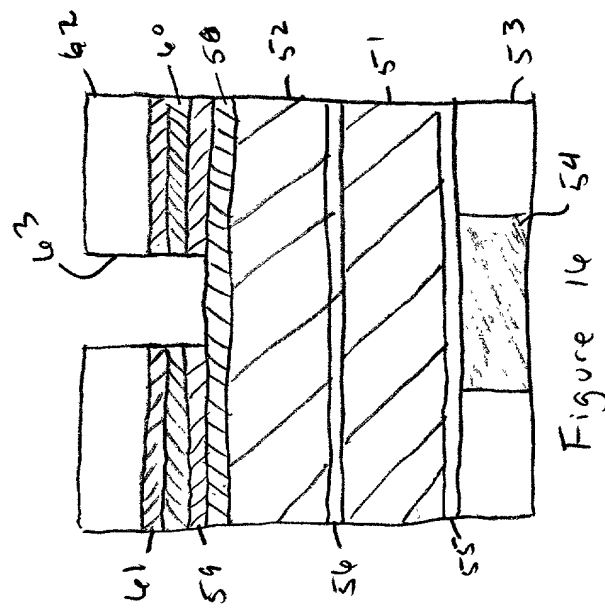


Figure 14

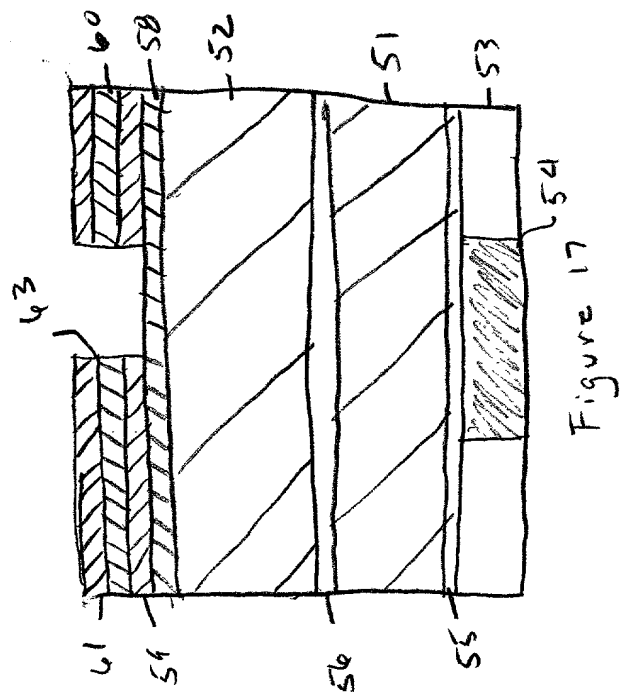


Figure 17

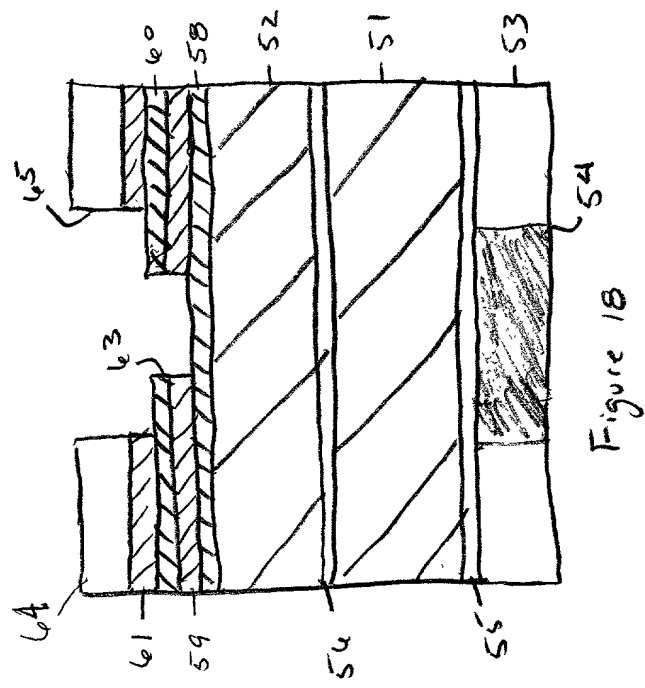


Figure 18

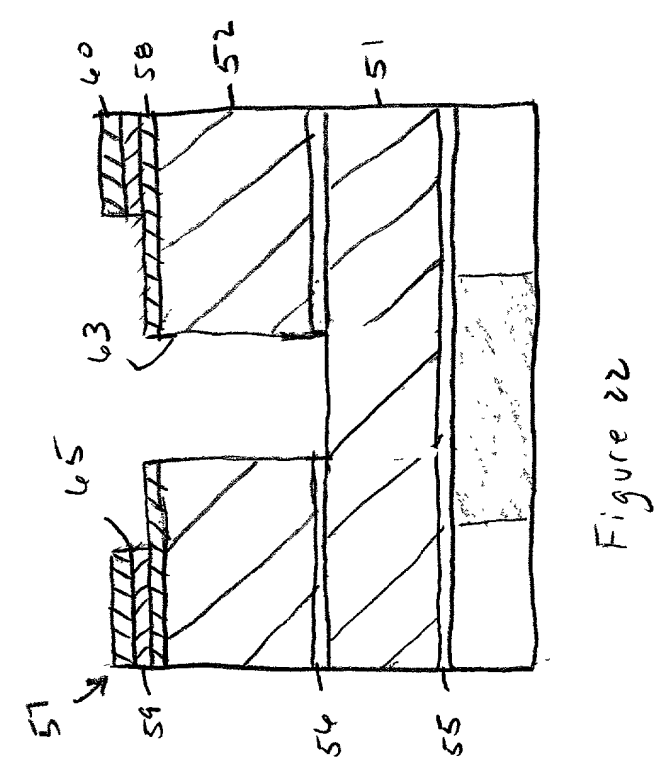
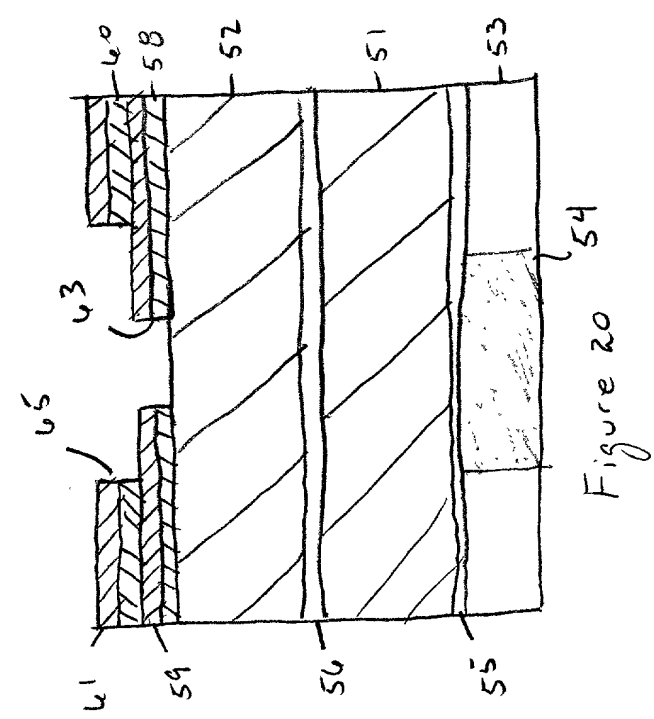
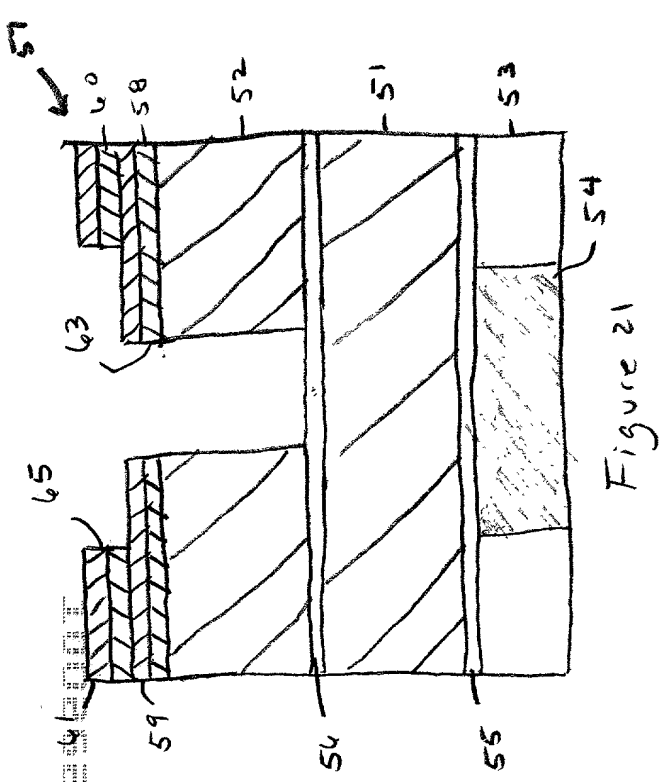
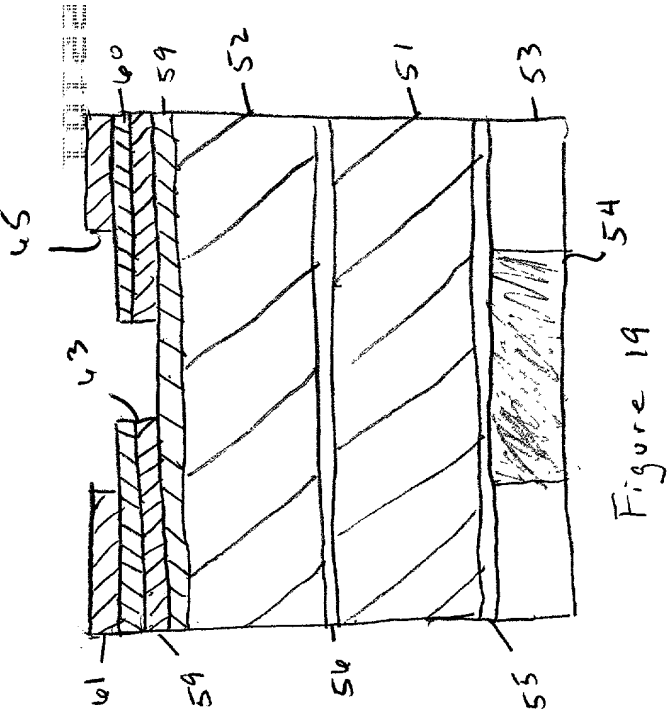


FIG. 23 is a cross-sectional view of the structure of FIG. 22, showing the structure of the first layer 51 and the second layer 52. The first layer 51 is a thin layer of material, and the second layer 52 is a thicker layer of material. The first layer 51 is formed on the substrate 53, and the second layer 52 is formed on the first layer 51. The first layer 51 is formed by a process such as chemical vapor deposition (CVD) or atomic layer deposition (ALD), and the second layer 52 is formed by a process such as sputtering or evaporation.

FIG. 24 is a cross-sectional view of the structure of FIG. 23, showing the structure of the first layer 51 and the second layer 52. The first layer 51 is a thin layer of material, and the second layer 52 is a thicker layer of material. The first layer 51 is formed on the substrate 53, and the second layer 52 is formed on the first layer 51. The first layer 51 is formed by a process such as chemical vapor deposition (CVD) or atomic layer deposition (ALD), and the second layer 52 is formed by a process such as sputtering or evaporation.

FIG. 25 is a cross-sectional view of the structure of FIG. 24, showing the structure of the first layer 51 and the second layer 52. The first layer 51 is a thin layer of material, and the second layer 52 is a thicker layer of material. The first layer 51 is formed on the substrate 53, and the second layer 52 is formed on the first layer 51. The first layer 51 is formed by a process such as chemical vapor deposition (CVD) or atomic layer deposition (ALD), and the second layer 52 is formed by a process such as sputtering or evaporation.

FIG. 26 is a cross-sectional view of the structure of FIG. 25, showing the structure of the first layer 51 and the second layer 52. The first layer 51 is a thin layer of material, and the second layer 52 is a thicker layer of material. The first layer 51 is formed on the substrate 53, and the second layer 52 is formed on the first layer 51. The first layer 51 is formed by a process such as chemical vapor deposition (CVD) or atomic layer deposition (ALD), and the second layer 52 is formed by a process such as sputtering or evaporation.

FIG. 27 is a cross-sectional view of the structure of FIG. 26, showing the structure of the first layer 51 and the second layer 52. The first layer 51 is a thin layer of material, and the second layer 52 is a thicker layer of material. The first layer 51 is formed on the substrate 53, and the second layer 52 is formed on the first layer 51. The first layer 51 is formed by a process such as chemical vapor deposition (CVD) or atomic layer deposition (ALD), and the second layer 52 is formed by a process such as sputtering or evaporation.

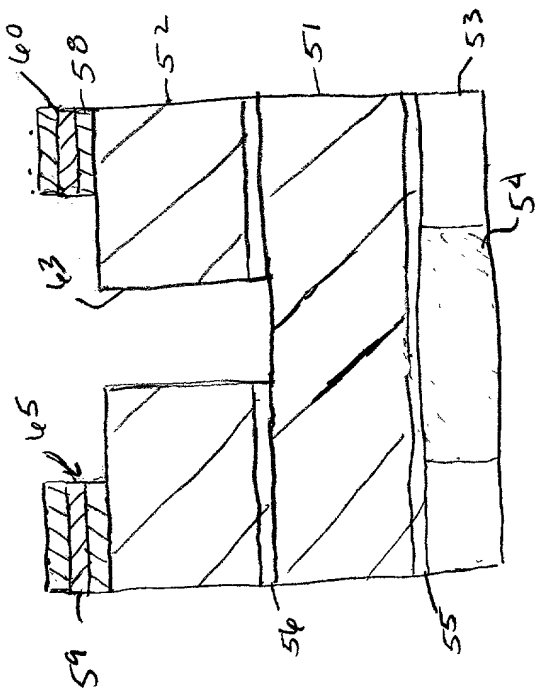


Figure 23

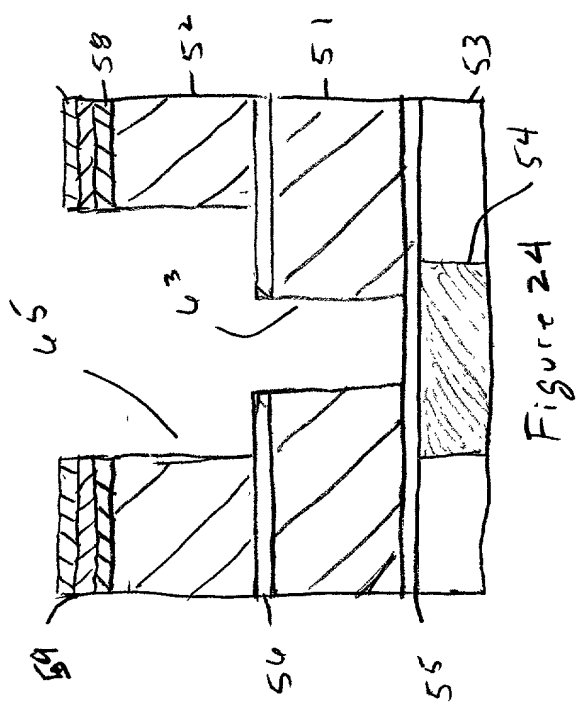


Figure 24

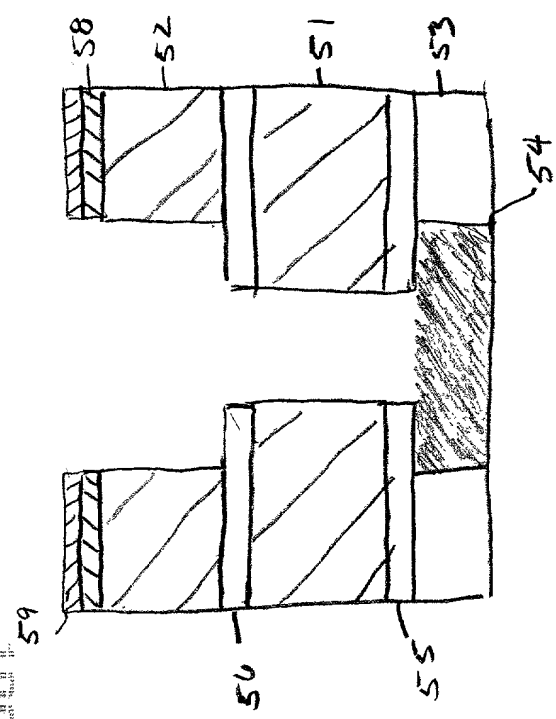


Figure 25

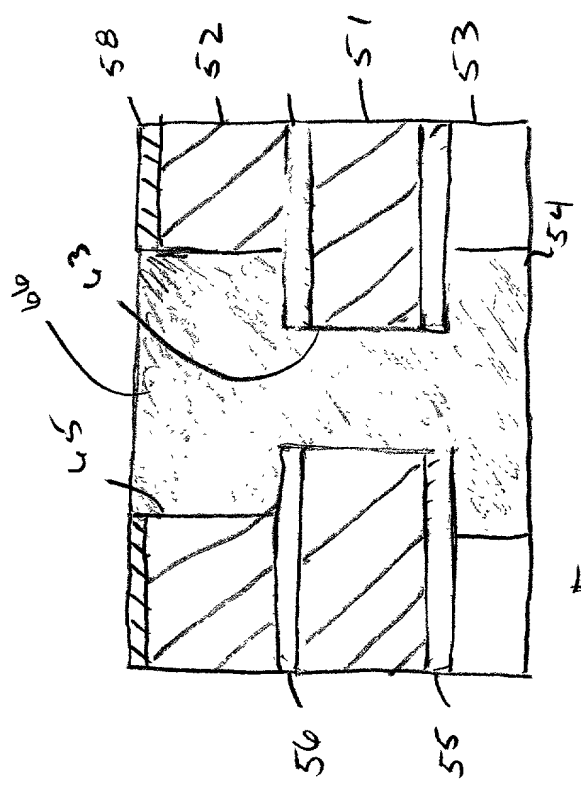


Figure 26



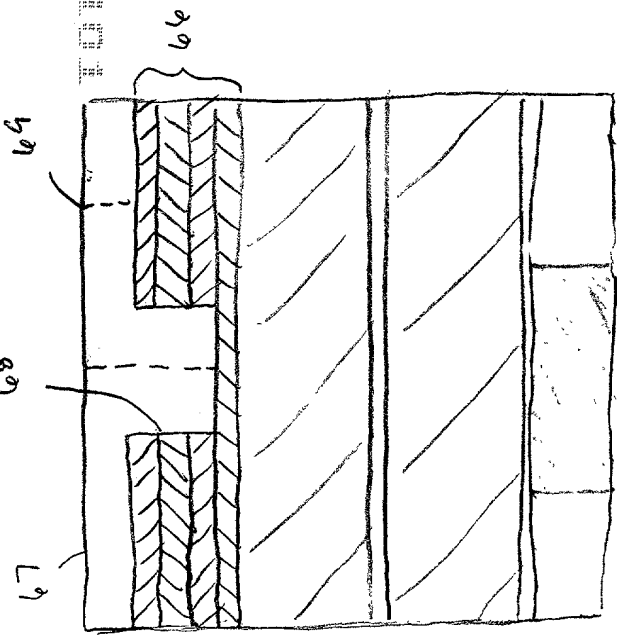


Figure 27

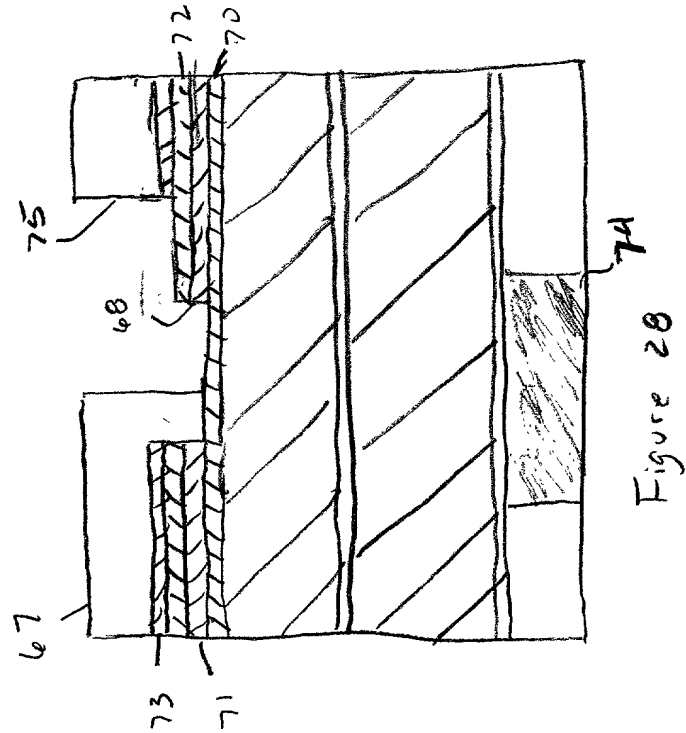


Figure 28

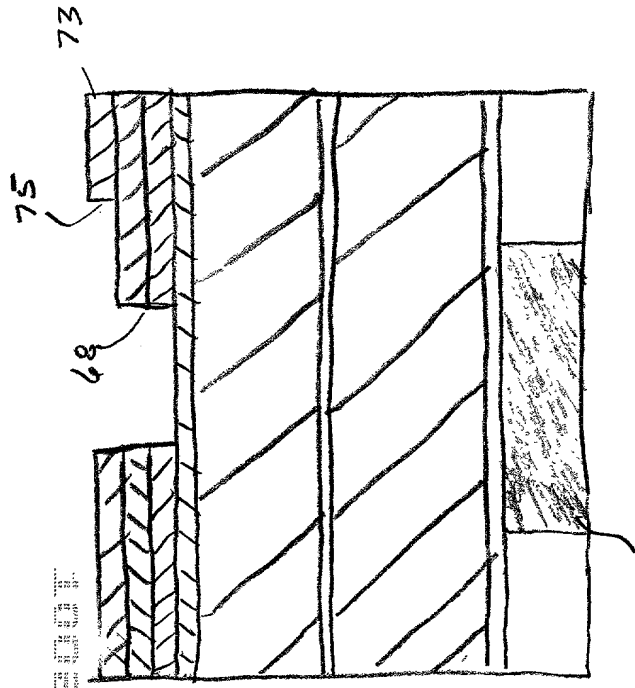


Figure 29